

# Evaluate Stage

## Criterion E

Name: \_\_\_\_\_

Class: 9 \_\_\_\_\_

### Maximum: 6

- Students are expected to evaluate the product/solution against the design specification in an objective manner based on testing, and to evaluate its impact on life, society and/or the environment. They are expected to explain how the product/solution could be improved as a result of these evaluations.
- Students are expected to evaluate their own performance at each stage of the design cycle and to suggest ways in which their performance could be improved.

Achievement level	Grade 9 level descriptor	Task specific descriptor
0	The student does not reach a standard described by any of the descriptors below.	<ul style="list-style-type: none"> <li>Student does not submit any work</li> </ul>
1–2	The student evaluates the product / solution <b>or</b> his or her own performance. The student makes some <b>attempt to test</b> the product/solution.	Student submits a work that is <b>incomplete</b> or <b>mentions</b> some of the parts listed below. <ul style="list-style-type: none"> <li>way/s in which the product could be improved</li> <li>performance at <i>each stage</i> of the design cycle and</li> <li>how performance could be improved</li> </ul>
3-4	The student evaluates the product/solution <b>and</b> his or her own performance and suggests ways in which these could be improved. The student <b>tests</b> the product/solution to evaluate it against the design specification.	Student submits a work that <b>describes</b> : <ul style="list-style-type: none"> <li>the result/s of testing</li> <li>views of the intended users</li> <li>way/s in which the product could be improved</li> <li>performance at <i>each stage</i> of the design cycle and</li> <li>how performance could be improved</li> <li>the impact of the product</li> </ul>
5-6	The student evaluates the product/solution in an objective manner based on the <b>results of testing</b> , and the <b>views of the intended users</b> . The student provides an evaluation of his or her own performance <b>at each stage of the design cycle</b> and suggests improvements. The student provides an appropriate evaluation of the <b>impact</b> of the product/solution on life, society and / or the environment.	Student submits a work that <b>explains</b> : <ul style="list-style-type: none"> <li>the result/s of testing</li> <li>views of the intended users</li> <li>way/s in which the product could be improved</li> <li>performance at <i>each stage</i> of the design cycle and</li> <li>how performance could be improved</li> <li>the impact of the product on life, society and the environment. (<i>Relate to the guide question</i>)</li> </ul>

### Note:

Product testing: A stage in the design process where versions of products (for example, prototypes) are tested against the need, applied to the context and presented to the end -user or target audience.